

*[Handwritten Signature]* 11-18-02  
m

Form PTO-1449		Docket Number (Optional)	Application Number
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>			
(Use several sheets if necessary)			
		Applicant Cao	
		Filing Date	Group Art Unit
		JC957 U.S. PTO 10/07/2858	

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,200,134	3/13/2001	Kovac et al	433	29	1/20/98
	5,713,738	2/3/1998	Yarborough	322	215	9/5/1996
	6,254,388	7/3/2001	Yarborough	433	215	2/2/1998
	6,331,111	12/18/2001	Cao	433	29	9/24/1999
	4,221,994	9/9/1980	Friedman et al	315	224	
	4,666,406	5/19/1987	Kanca III	433	229	
	4,935,665	6/19/1990	Murata	313	500	
	4,963,798	10/16/1990	McDermott	315	312	
	4,989,217	1/29/1991	Ostler	372	107	
	5,115,761	5/26/1992	Hood	118	641	
	5,123,845	6/23/1992	Vassiliadis et al	433	215	
	5,161,879	11/10/1992	McDermott	362	206	
	5,214,658	5/25/1993	Ostler	372	23	
	5,233,283	8/3/1993	Kennedy	320	13	
	5,275,564	1/4/1994	Vassiliadis et al	433	226	
	5,415,543	5/16/1995	Rosmajzl Jr.	433	29	
	5,420,758	5/30/1995	Kennedy	362	119	
	5,472,991	12/5/1995	Schmitt et al	522	4	
	5,550,853	8/27/1996	Ostler	372	34	
	5,616,141	4/1/1997	Cipolla	606	15	
	5,803,729	9/8/1998	Tsimerman	433	29	
	6,008,264	12/28/1999	Ostler et al	522	4	
	6,282,013	8/28/2001	Ostler et al	359	309	
	5,634,711	6/3/1997	Kennedy et al	362	119	

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Published PCT Patent Application PCT/US99/01126 (WO 99/35995) (22 July 1999)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number (Optional)     Application Number	 JC857 U.S. PRO 10/07/2056 01/05/02
	Applicant Cao	
	Filing Date Group Art Unit	

## **U.S. PATENT DOCUMENTS**

## **OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

		(including Author, Title, Date, Pertinent Pages, Etc.)
EXAMINER	DATE CONSIDERED	
<p><b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.</p>		

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

Application Number

Applicant

Cao

Filing Date

Group Art Unit

JC957 U.S. PTO  
10/07/2002  
01/05/02



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"LumaLite Luma 8, LumaArch, LumaCure" (4 pages) (printout from www.luma-lite.com)
	"Curing Light XL 3000" (3 pages) (printout from www.brooks.af.mil)
	"LumaCure Cordles Curing Light" (2 pages) (printout from www.brooks.af.mil)
	"Compo-T VLC Visible Light Cure Composite Dental Restorative Materials" (4 pages) (Printout from www.yates-motloid.com)
	Bayne et al, "Update on dental composite restorations", JADA, vol. 125, June 1994, pages 687-701.
	"Accucure 3000" brochure (2 pages)
	"Accucure 1000" brochure (2 pages)
	"LaserMed AGD Show Special AccuCure 3000 Laser Show Special" flyer (1 page)
	"LumaCure" flyer (1 page).
	"ARC Light IIM" brochure (2 pages).
	"Introducing the Apolloelight wireless curing light" flyer (1 page).
	"Just Cure It" brochure (3 pages) (printed out from www.airtechniques.com)
	"Resin Curing Lights: What You Should Know", page 36 from Contemporary Esthetics and Restorative Practice, November, 2001.
	"Starlight Starlight p" flyer (1 page).
	"Exelite" flyer (1 page)
	"Epilar FreeLight" flyer (1 page).
	"Centrix, Introducing VersaLux the world class battery operated LED curing light that fits in the palm of your hand (July-August 2001) (1 page)
	"ZAP Dental Curing" flyer (1 page)
	"EXELITE" flyer (1 page)
	"Elipar Freelight Curing Light" (2 pages) (printout from cms.3m.com)
	"Intraoral Resin Curing Lights – Update '96" excerpt from March 1996 CRA newsletter (2 pages).

EXAMINER	DATE CONSIDERED

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

Application Number

Applicant

Cao

Filing Date

Group Art Unit

JCE857 U.S. PRO  
10/07/2858  
01/05/02



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	"Savings on Curing Lights from Lone Star Dental Corp.", including First Medica Hilux 200, Spring Health Powerlite and Dentamerica Litex (1 page) (printout from www.dentequip.com).
	"LED Curing Light" from TOESCO Yoshida Toei Engineering Co., Ltd. (October 2001).
	"Dental/Medical Diagnostic Systems, Inc. Receives \$4.0 Million Order for Its Wireless Apollo e and Wavelight Curing Unites Based on New LED Technology" (2 pages) (printout from www.compoundsemiconductor.net).
	"Heat Data" (2 pages) (regarding rise in tooth pulp temperature with various curing lights).
	"Comparison to Other Curing Lights" (2 pages) (printout from www.cranews.com)
	"Curing Performance" (4 pages) (printout from www.cranews.com)
	"Technical Data" (3 pages) (printout from www.cranews.com)
	"Photographs" depicting Virtuoso curing light (printout from www.cranews.com)
	Caughman, et al., "In Vitro Intrapulpal Temperature Rise with a Variety of Light Sources" (1 page).
	Bouschlicher, et al., "Intrapulpal Temperature Increases with LED, QTH and Arc Photoinitiation" (1 page).
	Meyer et al., "Decrease in Power Output of Blue LD Curing Lights with Increasing Distance to Filling Surface" (1 page).
	Parr et al., "Spectral Analysis of Commercial LED Dental Curing Lights" (1 page)
	CRA Newsletter, Vol. 20, Issue 3, "Intraoral Resin Curing Lights", (March 1996) (2 pages).
	CRA Newsletter, "Resin Curing Light, Cordless" (2 pages).
	CRA Newsletter, "Visible Curing Lights" (4 pages).
	"Power PAC" (3 pages) (printout from www.americidentaltech.com)
	"The PAC" (2 pages) (printout from www.americidentaltech.com)
	"The Science of Curing" (8 pages) (printout from www.lasermed.com)
	"The Accucure 1000" (2 pages) (printout from www.lasermed.com)
	"The Accucure 3000" (2 pages) (printout from www.lasermed.com)
	"RemeCure CL15" (1 page) (printout from www.remedent.com)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

Application Number

Applicant

Cao

Filing Date

Group Art Unit

JC857 U.S. PRO  
10/07/2058  
01/05/20



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

"3M ESPE Introduces New LED Curing Light" (2 pages) (printout from cms.3m.com)

"NRG L.E.D. Curing Light" brochure (4 pages).

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number (Optional)	Application Number
	Applicant Cao	
	Filing Date	Group Art Unit

JC957 U.S. PRO  
10/07/2058  
010502

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

	"All-Cure Standard and Custom Dental Curing Lightguides" (1 page) (Printout from www.all-cure.com)
	"Welcome to Bonart Medical Supply" (2 pages) (printout from www.bonartmed.com)
	"Bonart" (4 pages listing dental equipment including ART-L1 'High Power Light Curing Unit') (printout from www.bonartmed.com)
	"Dentamerica – Litex" (2 pages discussing Litex 680A, Litex 682, and Litex 692 curing lights) (printout from www.dentamerica.com)
	"Problems with the Apollo E curing light" (1 page article) (printout from www.imakenews.com)
	"Bellini X Ray" (2 pages depicting Sunlite 1275 curing light) (printout from www.bellinixray.com)
	"ACTA CURING LIGHT" (2 pages) (printout from www.amadent.com)
	"Laser Technology in Dentistry" (3 pages) (printout from dentistry.about.com)
	"Synopsis of Visible Light Curing Units" (8 pages summarizing various curing lights) (printout from www.brooks.af.mil)
	"Zap Dual Curing Light" (2 pages) (printout from www.brooks.af.mil)
	"Vivalux II Cordless Polymerization Unit" (2 pages) (printout from www.brooks.af.mil)
	"VersaLux Cordless Curing Light" (2 pages) (printout from www.brooks.af.mil)
	"Variable Intensity Polymerizer Light Curing Unit (VIP)" (3 pages) (printout from www.brooks.af.mil)
	"Spectrum 800 Curing Unit" (2 pages) (printout from www.brooks.af.mil)
	"Optilux 501 Polymerization Unit" (2 pages) (printout from www.brooks.af.mil)
	"Optilux 500 Polymerization Unit" (2 pages) (printout from www.brooks.af.mil)
	"Optilux 180 & 360 Polymerization Units" (2 pages) (printout from www.brooks.af.mil)
	"Hilux 350 Curing Light" (2 pages) (printout from www.brooks.af.mil)
	"Epilar Highlight Curing Light" (2 pages) (printout from www.brooks.af.mil)
	"Apollo 95E Curing Light" (2 pages) (printout from www.brooks.af.mil)
	"ARC Light II" (2 pages) (printout from www.brooks.af.mil)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.